49 51. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 400,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 650°C.

48 52. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 600,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 650°C.

46 53. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 800,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 650°C.

47 54. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 400,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 660°C.

D1 Cont

48 55. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 600,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 660°C.

49 56. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 800,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 660°C.

50 57. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 400,000 poises, a density less than about 2.40 gram/cm^3, and exhibits a weight loss of less than 0.5 mg/cm^2 after immersion in a solution of 1 part 50 wt.% HF and 10 parts 40 wt.% NH_4F for 5 minutes at 30°C.

51 58. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 600,000 poises, a density less than about 2.40 gram/cm^3, and exhibits a weight loss of less than 0.5 mg/cm^2 after immersion in a solution of 1 part 50 wt.% HF and 10 parts 40 wt.% NH_4F for 5 minutes at 30°C.

50. The glass of claim 1, wherein the glass has a liquidus viscosity greater than about 800,000 poises, a density less than about 2.40 gram/cm^3, and exhibits a weight loss of less than 0.5 mg/cm^2 after immersion in a solution of 1 part 50 wt.% HF and 10 parts 40 wt.% NH_4F for 5 minutes at 30°C.

60. The flat panel display device of claim 12, wherein the substrate has an average surface roughness less than about 0.5 nm without polishing.

61. The flat panel display device of claim 12, wherein the substrate has an average surface roughness less than about 0.5 nm and an average internal stress less than about 150 psi.

62. In a flat panel display device, the improvement comprising a substrate comprising the glass of Claim 41 wherein the substrate has an average surface roughness less than about 0.5 nm.

63. In a flat panel display device, the improvement comprising a substrate comprising the glass of Claim 42 wherein the substrate has an average surface roughness less than about 0.5 nm.

64. In a flat panel display device, the improvement comprising a substrate comprising the glass of Claim 43 wherein the substrate has an average surface roughness less than about 0.5 nm.

65. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 400,000 poises and a density less than about 2.40 gram/cm^3.

66. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 600,000 poises and a density less than about 2.40 gram/cm^3.

67. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 800,000 poises and a density less than about 2.40 gram/cm^3.

D1 cont

61. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 400,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 650°C.

62. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 600,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 650°C.

63. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 800,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 650°C.

64. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 400,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 660°C.

65. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 600,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 660°C.

66. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 800,000 poises, a density less than about 2.40 gram/cm^3, and a strain point greater than about 660°C.

67. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 400,000 poises, a density less than about 2.40 gram/cm^3, and exhibits a weight loss of less than 0.5 mg/cm^2 after immersion in a solution of 1 part 50 wt.% HF and 10 parts 40 wt.% NH_4F for 5 minutes at 30°C.

68. The glass of claim 23, wherein the glass has a liquidus viscosity greater than about 600,000 poises, a density less than about 2.40 gram/cm^3, and exhibits a weight loss of less than 0.5 mg/cm^2 after immersion in a solution of 1 part 50 wt.% HF and 10 parts 40 wt.% NH_4F for 5 minutes at 30°C.

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